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ARMY STUDY PROGRAM  
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PROGRAM



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STUDY MANAGEMENT OFFICE, MANAGEMENT DIRECTORATE, OCSA  
HQDA (DACS-DMO), WASHINGTON, DC 20310

*AD-784 776*

## **FOREWORD**

Army studies are an important means of developing new opportunities and solving problems. This edition of The Army Study Program is a listing of study efforts programmed for Fiscal Year 1975. The book serves as a management tool by providing visibility to programmed studies, enabling decisionmakers to insure that study resources are used efficiently and appropriately.

Those charged with managing Army studies must continue to insure that the limited money and manpower available for this purpose remain directed towards studies which address real problems and have a reasonable chance to produce timely and usable results. By keeping the idea of applicability foremost, Army studies will provide the Army the best possible return from its efforts.

JULY 1974

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## **STUDY PLANNING GUIDANCE**

Annually, the Secretary of the Army and the Chief of Staff issue Study Planning Guidance to the Army study community. This guidance identifies problem areas in which study is needed to assist in decisions to be made by the CSA, or higher authority, during the following two years.

These study areas are referred to as Priority Areas of Concern.

Study Planning Guidance gives direction to the total Army study program and is a basis for establishing priorities among study proposals. (Para 2-2, AR 5-5)

This chapter contains extracts from the Study Planning Guidance issued on 13 February 1974, and a table presenting the applicability of the FY 75 study program to the Priority Areas of Concern.

## STUDY PLANNING GUIDANCE

1. Purpose. This constitutes planning guidance for FY 75 study proposals. The priority areas of concern, listed in paragraph 5, are areas wherein substantial change in program or policies is probably desirable, where the matter is of sufficient substance to require attention and eventually decision by CSA or SA, and where current information indicates that a concentrated study effort would provide substantial progress toward removing uncertainties and providing a basis for decision. Identification of such priority areas does not imply priority over on-going studies supporting other areas of responsibility and does not imply lack of interest or lack of support for other study requirements.

2. General. The FY 75 study program will continue to emphasize further development and efficient use of in-house study capabilities as the preferred alternative to contract support, which must be requested only to capitalize on skills not available within the Army or when the opinion of an outside organization is essential. Funds approved for contract studies will continue to decrease as in-house capabilities achieve their full potential.

3. Middle East War. In developing new study programs, and in implementing on-going efforts, emphasis will be placed on exploiting the knowledge and experience resulting from the 1973 Middle East War.

4. ...

5. Priority Areas of Concern. The study effort of the Army will emphasize the following areas:

- a. Provide the quantity and quality of people needed in the Active and Reserve Forces.
- b. Devise and test major improvements to the enlisted MOS system.
- c. Determine the role of the Army in implementation of security assistance programs.
- d. Examine alternate personnel and equipment replacement systems for a NATO contingency.
- e. Improve the readiness of Active and Reserve Component forces.
- f. Determine requirements for tactical nuclear forces and weapons and doctrine required by such forces.

- g. Improve anti-tank capabilities.
- h. Refine tactical air defense and counter-air defense concepts of operation and requirements.
- i. Improve and simplify DSU level logistics operations.
- j. Validate current combat consumption rates.
- k. Determine the adjustments required in view of future energy and resource shortages.
- l. Improve Electronic Warfare concepts and capabilities.
- m. Improve mid and long range planning and forecasting methods.
- n. Refine the weapons system acquisition process.
- o. Improve command and installation management of total resources.

## APPLICABILITY OF ARMY STUDY PROGRAM TO PRIORITY AREAS OF CONCERN

PRIORITY AREA OF CONCERN	NUMBER OF PROGRAMED STUDIES <sup>#</sup>
a. Provide the quantity and quality of people needed in the Active & Reserve forces.	7
b. Devise and test major improvements to the enlisted MOS system.	4
c. Determine the role of the Army in implementation of security assistance programs.	2
d. Examine alternate personnel and equipment replacement systems for a NATO contingency.	Major study effort in planning stage at HQDA.
e. Improve the readiness of Active & Reserve Component forces.	3
f. Determine requirements for tactical nuclear forces and weapons and doctrine required by such forces.	9
g. Improve anti-tank capabilities.	16
h. Refine tactical air defense and counter-air defense concepts of operation and requirements.	11
i. Improve and simplify DSU level logistics operations.	10
j. Validate current combat consumption rates.	5
k. Determine the adjustments required in view of future energy and resource shortages.	4
l. Improve Electronic Warfare concepts and capabilities.	24
m. Improve mid and long range planning and forecasting methods.	10
n. Refine the weapons system acquisition process.	4
o. Improve command and installation management of total resources.	6

# INCLUDES ONLY FY 75 EFFORT.

## **AGENCY AND COMMAND STUDY PROGRAMS**

This chapter contains alphabetical lists by sponsoring agency or command of studies programed to be conducted in FY 1975. Asterisks denote Directed Studies, a designation assigned to a limited number of carefully selected studies which have a high probability of requiring Chief of Staff or higher level decisions prior to the implementation of recommendations resulting from the study (App A, AR 5-5.)

The lists are current as of 1 July 1974. However, additions and deletions may occur at any time.

Information on the current status of any of the studies can be obtained from the Study Coordinator of the sponsoring agency or command. A list of these individuals is at page 4-1.

ARMY SECRETARIAT

Office, Assistant Secretary of the Army (Manpower and Reserve Affairs)

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF CONCERN
Alternatives in Forecasting Enlisted Training Requirements	Contract	b
Assessment of Personnel Capability to Support Authorization Changes	Contract	b
Cost Effectiveness Analysis of Enlistment/Reenlistment Bonuses	In-House	a

OFFICE, CHIEF OF STAFF, ARMY

Ballistic Missile Defense Systems Growth Studies	Contract
*Command, Control and Communications in Europe	Contract/
	In-House
Measures of Effectiveness (Army Reorganization)	Contract
Offensive Weapon Technology	Contract
Study to Apply Decision/Risk Analysis Techniques to the Evaluation of Operational Tests	Contract
Study to Evaluate Results of Operation Tests and Evaluations of Complex Command Control Systems	Contract
	Contract

COMPTROLLER OF THE ARMY

Deputy Installation Commander Management Study	In-House
Materiel Life Cycle Cost Studies	Contract
Project Army REFLEX (Resources Flexibility)	In-House

DEPUTY CHIEF OF STAFF FOR PERSONNEL

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Analysis for Management of Recruiting Resources and Operations	Contract	a
Army Manpower Prediction System (Part II)	Contract/ In-House	a
Army Dress Uniforms for the 1980's	In-House	
ELIM-COMPLIP System Improvement	Contract	
Evaluation and Improvement of Superior Performance Pay Program	Contract	b
Feasibility of Accreditation of Military Experience	Contract	
Indicia Verification and Budget and Accountability Project	In-House	
Interface between ELIM-COMPLIP and PIA II (Phase I)	Contract	
Interface between ELIM-COMPLIP and PIA II (Phase II)	Contract	
Military Orders Study	In-House	
Officer Accession System	In-House	a
On-Line Manpower Planning System for Accession and Reenlistment Analysis	Contract	a
Personnel Support for Contingency Operations	In-House	
Processing of Words Efficiently and Responsively	In-House	
Professional Accreditation Program for Law Enforcement Personnel	In-House	b
Records Administration in Microform Mode	In-House	
* Recruitment and Reenlistment Analysis and Projections	Contract	a
* Recruitment Market Analysis System	Contract	a
Study of the Army Publications System	In-House	
Supervision of Non-Appropriated Sundry Funds at Installation Level	In-House	

DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS #

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
*Advanced Attack Helicopter COEA	Contract	g
Air Defense Study - 1 (Follow-on)	In-House	h
Air/Ground Interactions	In-House	
Analysis of Army Force Requirements	In-House	
Analysis of Enemy Prisoner of War Operations in South Vietnam	Contract/ In-House	
Analysis of Support Increments	In-House	
*Analytical Support for Reserve Component Field Experimentations and Evaluations	Contract	
*Anti-tank Weapons Threat	Contract/ In-House	g
Armored Reconnaissance Scout Vehicle COEA	Contract/ In-House	
Army Ammunition System Model Phase I	Contract	
Army Ammunition System Study	In-House	
Army Operations Research Symposium XIII	Contract	
Army Requirements for Air Force Close Air Support.	In-House	
Army Requirements for Space Technology	Contract/ In-House	
Army Strategic Appraisal 1978-1985	In-House	
BUSHMASTER Cost Effectiveness Study	In-House	
Cannon Launched Guided Projectile Concept Formulation Package	Contract/ In-House	g
Catalog of Potential Conflicts	In-House	m
Communications Operational Effectiveness Methodology	Contract/ In-House	
*Conceptual Design for the Army in the Field (CONAF)	In-House	
Division Force Equivalent Study	In-House	m
DRAGON Night Sight Requirement Study	In-House	g
Electronic Counter-Countermeasures Standards Investigation	Contract	1
Electronic Warfare Vulnerability Assessment of USAFORSCOM	Contract	1
Electronic Warfare Vulnerability Assessments of Selected US Army Tactical Units in European and Pacific Commands	Contract	1
*Evaluation of Reserve Component Improvement Concepts (Cost and Effectiveness Analyses)	Contract	e
Force Definition	In-House	m
Force Structuring and Programming (SPECIFOR)	Contract/ In-House	m
FORECAST-90	Contract/ In-House	m

# Includes studies conducted by the Concepts Analysis Agency.

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF CONCERN
Functional Interoperability of Tactical ADP Systems in Support of the Army in the Field (INTEROP Part III)	In-House	
Ground Mobility Evaluation	In-House	
Headquarters - Tooth to Tail Study	In-House	
Helicopter Requirements to Support the Army Logistic Mission (HELILOG)	In-House	
HELLFIRE COEA 1st Addendum	Contract/ In-House Contract	g c
Identification and Selection of Personnel for MAAG Mission, MILGROUP, and Other Security Assistance Related Assignments	Contract	
Impact of Alternative National Strategies on Army Planning	Contract	
Integrated Battlefield Control System - Command and Control Concept for Echelons Above Division	In-House	
* Integrated Battlefield Control System-Division Level System Definition (Staff Organization and Procedures) 3d Refinement	Contract/	
Integrated Tactical Communications System (INTACS)	Contract/ In-House	
Long Range Technology Guide	In-House	m
* Method for Integrated Simulation (MINTSIM)	Contract	
* Methodology for Integrated Forces Determination (MINTCAP)	Contract	f
* Methodology for Total Force Planning (METOFOR)	Contract	m
* NATO Combat Capabilities III (COMCAP III)	Contract	
NATO Combat Capabilities IV Methodology - Phase I (Feasibility Study) (COMCAP IV)	In-House	
NATO Nuclear Weapons Requirements	In-House	f
* Nonnuclear Ammunition Combat Rates Methodology Improvement - Phase II	In-House	j
Nonnuclear Ammunition Combat Rate Requirements Study	In-House	j
Precision Guided Munitions	In-House	g
Readiness System Study	In-House	e
* Review of Army "Total Force" Structure	In-House	e
Selected Issues Bearing on US National and Military Strategy	In-House	
Sino-Soviet Relations	In-House	
Strategic Studies Consulting Services	Contract	
Systems Engineering Services for GAMO Joint Interface Implementation Plan	Contract	f
Systems Engineering Services for GAMO Technical Inter- face Design Plan	Contract	
Tactical Effectiveness Testing Anti-Tank Missiles Study (TETAM)	In-House	g

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF CONCERN
Tactical Nuclear Employment Policy Quick Reaction Support Capability	In-House	f
Tactical Nuclear Warfare Analysis	In-House	f
Tactical Nuclear Weapons Requirements Methodology (TANREM)	In-House	f
*The Army Role in the Suppression of Enemy Air Defenses (TARSEAD II)	Contract/ In-House	n
The Future of West Europe and Its Implications for US National Strategy	In-House	
Theater Force Evaluation by Combat Simulation	Contract	f ,m
Unit Data System	In-House	
US Overseas Base Dependency/Interdependency	In-House	
Utility of MAAG's and Missions	Contract	c
*XM1 Main Battle Tank COEA	In-House	g

DEPUTY CHIEF OF STAFF FOR LOGISTICS

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF <u>CONCERN</u>
Army Inventory Cost Parameters	Contract	i
*Average Useful Life of Major Payload Vehicles ½ thru 5 Ton	In-House	
Civilianization of Selected Combat Service Support Functions in the AIF	In-House	
Containerized Shipment and Storage of Ammunition	In-House	
Direct Exchange Evaluation Techniques/Data Base	Contract	
Direct Support System - Transition to Wartime	Contract	i
Direct Support Units Stockage Policy for Class II Supplies	In-House	i
Direct Support Unit Standard Supply System (DS4)	In-House	i
Field Returns	In-House	
*High Priority Measurement Implementing Study for the Consolidation and Management of Supply Consumption Rates	Contract	
Retail Stockage Policy Evaluation (Phase I)	In-House	i
Standard Asset Information and Control System	In-House	
Tactical Vehicle Fuel Operations	Contract	

CHIEF OF RESEARCH, DEVELOPMENT & ACQUISITION

Developing a Methodology to Assess Cost Effectiveness Contract of RDTE Information Systems for Exploiting R&D Findings and Optimizing R&D Resource allocations	Contract	n
Multi-Objective Analysis of Technology	Contract	n
Study to Improve the Contributions of Army Research to Weapons Systems and Development of a Method- ology for Determining Same	Contract	n
Wartime Active Replacement Factor Study-Phase III	In-House	j

ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Army Long-Range Environmental Projection	In-House	m
Field and Antitank Artillery Projections USSR/PRC	In-House	g
Ground and Airborne Communications Electronic Warfare System Projections USSR/PRC	In-House	l
Mine Warfare Materiel-Land, USSR/PRC	In-House	
Small Arms Projections, USSR/PRC 1974-1994	In-House	

CHIEF OF ENGINEERS

Army Procedures for Identifying Environmental Impacts	In-House
ARPA Environmental Analysis	In-House
Automated Reports Evaluation	In-House
Contaminated Area Clearance and Land Use Alternatives	In-House
Engineer Requirements Analysis	In-House
Fixed Facility Energy Systems R&D Study	In-House
Ground Based MAW Sites, Europe	In-House
Middle East Commitments and Obligations	In-House
Simulation of Barrier Effects	In-House

CHIEF OF CHAPLAINS

Less Familiar Religions - A Handbook of Religious Requirements and Practices	Contract
Review and Analysis of the Human Self Development Program	In-House
Systems Engineering of the Assignment and Training Functions of the US Army Chaplaincy	In-House
The Impact of Current Religious Programs on Minority Group People	In-House

ARMY MATERIEL COMMAND

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Advanced NICP Computer Techniques	In-House	
Aerial Vehicle System Cost Models	In-House	
Air Logistics and Tactical Vehicle Fleet Studies	In-House	
Aircraft Design Analysis Computer Programs	In-House	
Aircraft Weapons Systems Studies	Contract	
Analysis of Large Requisitions	In-House	
Analysis of the Effective Utilization of Resources Value Engr/Value Analysis	In-House	
Army Logistics Systems Interface Review	In-House	
Army Replacement Requirements Objectives (ARROW)	In-House	
Automatic Cannon for Infantry Vehicles	In-House	
Barrier Warfare Systems Analysis	In-House	
Burst Rate of Fire Study	In-House	
Camouflage Effectiveness	In-House	
CARMONETTE IV Methododogy	In-House/ Contract	
CATE/EQATE Cost Effectiveness Study	In-House	
Communications Jamming Effectiveness Analysis	In-House	
Completion, Documentation and Extended Application for the Army Tactical Communications System Simulator (ATCSS) (also known as CASE/TD-18)	In-House/ Contract	
Cost Operational Systems Effectiveness of the AN/TPQ-36 and AN/TPQ-37	In-House	
Data Base for NICP Oriented Problems	In-House	
Depot Workload Planning Through Mathematical Programing	In-House	
Design to Unit Production Cost Program in AMC	In-House	
Development of Improved Methodology for Stating and Evaluating Maintainability Requirements	In-House/ Contract	
Disposal of Spent Batteries	In-House	k
DRAGON Weapon System	In-House	
Economic Analysis of Logistics Systems	In-House	g
Effects of Purpose Code Policies on Supply Per- formance	In-House	
Effectiveness of XM-1 Tank	In-House	
Electric Power Consuming, Producing and Distribution Study	Contract	g k
Electromagnetic Wave Propagation	In-House/ Contract	
Elimination of Gaseous Waste from Semiconductor Production	In-House	
Elimination of Pollutants in Effluent of Mobile Photographic Laboratories	In-House	k

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Energy and Power Plant Development Evaluations Engineering Data Storage and Retrieval	In-House In-House/ Contract	n
Evaluation of Integrated Logistic Support Models	In-House	
Evaluation of Provisioning Techniques	In-House	
Evaluation of Smoke Applications	In-House	
EW Vulnerability and ECCM Analysis for REMBASS	In-House	1
EW Vulnerability and ECCM for Radar Altimeters	In-House	1
EW Vulnerability of ADP Systems	In-House	1
EW Vulnerability of Air Traffic Management System	In-House	1
EW Vulnerability of Doppler Navigators	In-House	1
Extensions to Economic Retention Model	In-House	
Feasibility and Cost Effectiveness of Future Random Access Discrete Address Radio Systems	In-House	
Field Evaluation of Scheduled Inspection System for UH-1H Army Helicopters	In-House/ Contract	
Field Feeding System Analysis and Design	In-House	
Fleet Management System	In-House	
Ground Vehicle Dispensed Mine System	In-House	
Image Intensifier Models	In-House	
Image Simulation (Thermal/Intensifier)	In-House	
Improved Non-Nuclear Warhead Section	In-House	
Improvement of AMC Procurement Policy Procedures	In-House	m
Improvements to the Army Loss/Loss-Recovery Reporting System	In-House	
Infantry Anti-Tank Weapon Studies	In-House	g
Inspection and Testing in Maintenance Overhaul Operations	In-House	
International Logistics Models	In-House	
JTCG/ME-SSEP Chemical Decontamination Study	In-House	
Life Cycle Cost and Value (Sub-Task 6 of Project Impact)		
Measurement and Implications of PLT Variability	In-House	
Methodology for Demand Forecasting	In-House	
Methodology for Determining Maximum Release Quantities	In-House	
Mine Plow Evaluations Study	In-House	
Modification of Routine Economic Airlift Models	In-House	
Mortar Studies	In-House	
Navy Afloat Food Service System	In-House	
Navy Ashore Commuted Ration-Component Pricing Position (Continuing Balance Concept)	In-House Contract	
Post 1980 Tactical/Transport Truck Fleet Definition	In-House	
Probability and Implications of Zero Demand	In-House	
Probability of Hits of Anti-Aircraft Guns (HITVAL)		
Remotely Emplaced Minefield Marker System	In-House	
Remotely Piloted Aerial Observer/Designator System	In-House/ Contract	

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF CONCERN
SAM-D Simulation Using Covariance Analysis Describing Function Techniques	Contract	
Second Generation Tactical Landing System	In-House	
Scout Vehicle Evaluations	In-House	
Significance of Countermeasure Susceptibility for GATOR Mines	In-House	
Simplified Aircraft Analysis Methods	In-House	
Simplified Multi-Weapons Combat Model	In-House	
Small Arms Studies	In-House	
Source Data Automation Methods	In-House	
Study of Cost Effectiveness Applications of Automatic Test Equipment	In-House	
Study to Design a Methodology for Controlling LIF Input Data	Contract	
Study to Design a System for Direct Access to the LIF Supply Management Models for ALPHA	In-House	
Support Warranties Study	In-House	
Surface Logistics and Tactical Vehicle Fleet Studies	In-House	
Sustained Operations Model	Contract	
Systems Methodology-Trilateral Tank Main Gun	In-House	
TACFIRE Cost Effectiveness Analyses	In-House	
Tactical Targets Presented by US Ground Forces	In-House	
Tank Main Armament Studies	In-House	
Target Acquisition Ramifications of TETAM	In-House	
Target Location System Analysis	In-House	
Technical Assistance to AMCSU-ML for Developing/ Implementing Logistics Systems	Contract	
Technical Assistance to the DSS Task Group	Contract	i
Technical Assistance to Direct Exchange Task Group	Congract	i
Technical Data Package Improvement	In-House	
Technology Assessment for Army Tactical Data Systems	Contract	
Terminal Homing - CLGP & TGSM	In-House	
Test Measurement and Diagnostic Equipment Cost Effectiveness Study	In-House	
Thermal System Models	In-House	
TOW/DRAGON Survivability Study	In-House	
Uniform Cost Accounting and Reporting System at Government-Owned Contractor-Operated Munitions Plants (Part II)	In-House/ Contract	
Uniform Format of Requests for Proposals	In-House	
Uniform Ration Cost System - Food Service Management System	In-House	
Uniform Ration Cost System - Ration Allowance, Nutrition and Cost	In-H use	
Unsatisfactory Production Occurrences in Co-Production Programs	In-House	
Wide Angle IR Optical System	In-House/ Contract	

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
155mm Howitzer XM198-COEA	In-House	
8 Inch Howitzer M110E2-COEA	In-House	

AIR DEFENSE COMMAND<sup>#</sup>

Air Defense Models Update and Training	Contract	h
Command and Control Model	Contract	
CONUS Air Defense Contingency Force Requirements	In-House	
CONUS SAM-D Requirements Study	In-House	
Site Defense Analysis	In-House	h
Study of Future Air and Ballistic Missile Defense	Contract	
Tactical Attack Planning	In-House	
Users Guide for Nuclear Environmental Criteria	In-House	
Methodology		

# Sponsorship to be transferred as ARADCOM is disestablished.

ARMY SECURITY AGENCY

Communications Requirements for Concept of SIGINT/ECM Operations	Contract	1
COMSEC War Gaming/Simulation	Contract	1
Concept for Control and Analysis Center	In-House	1
Forward Area Communications Collection	In-House/	1
Forward Area Communications ECM	Contract	
Non-Communications ECM	In-House/	1
Non-Communications Collection/ESM	Contract	
Priorities for Allocation of COMSEC Resources (PACER)	In-House/	1
USASA Tactical SIGSEC Support Concept (1976-86)	Contract	
	In-House	1

HEALTH SERVICES COMMAND

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Active Duty Personnel Dental Care Requirements Survey	In-House	
Ambulatory Patient Medical Records System Pilot Project	In-House	o
Centralized Veterinary Laboratory Quality Assurance Program Study--Phase II	In-House	
Computerized Centralized Outpatient Appointment System Pilot Project	In-House	
Dental Therapy Assistants: Expectations, Preferences, and Reality	In-House	
Evaluation of Manpower Utilization in AMEDD Treatment Facilities	Contract/ In-House	
Family Practice Models for an Army Community--A Demonstration Project	In-House	
Housekeeping Study of Dwight David Eisenhower Army Medical Center	Contract	
Patient Health Education Demonstration Project	In-House	
Study of the Need for and Feasibility of Physical Therapists Performing Electromyographic and Nerve Conduction Tests	In-House	
Study of Time Devoted by Interns, Residents, and Teaching Staff in Army Hospitals to Patient Care vs. Other Activities	Contract	
Study of Patient Scheduling Systems for Army Sick Call Using Specialty Clinics	In-House	
Study of Practice Effectiveness of Army Nurse Clinicians	In-House	
Study to Develop Veterinary Effectiveness Indicators	In-House	

TRAINING AND DOCTRINE COMMAND

<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
Accuracy Analysis of Artillery Cannon Systems	In-House	
Adaption of Commercial and Industrial Practices	In-House	
Administrative Services Support	In-House	
Aircraft Refueling and Rearming System	In-House	
Air Defense Concepts and Force Design	In-House	
Air Defense of Armor Unit	In-House	h
Airmobility Concepts	In-House	h
Air Traffic Management System Phase II	In-House	
Ammunition Firefighting Doctrine	In-House	
AN/TSQ-73 (Missile Minder) Systems Operation/Command and Control Doctrine (SYSOPS/CCDOC)	In-House/Contract	
Application of Word Processing, TOE Units	In-House	
Armor Concepts and Force Design	In-House	
Army Aircraft Radio Study	In-House	g
Army Air Defense Command and Control	In-House/Contract	h
Army Mortar Requirements	In-House	
Army Regional Personnel Center System	In-House	
Army Small Arms Requirements Study II	In-House	
Aviation Concepts	In-House	
Barrier/Counterbarrier Operations	In-House	
Base Design	In-House	
Base Development Planning	In-House	
Base Maintenance	In-House	
Base Protection	In-House	
Cavalry/Scout Study	In-House	
CBR Carrier Study, Substudy I: Improved Chemical Defense System for Battalion-Sized Units	In-House	
CBR Substudy II: Radiological Defense	In-House/Contract	
CBR Substudy III: Chemical Operations	In-House	
CBR Substudy IV: Chemical Defense at Division and Echelons Above Division	In-House/Contract	
Centralized Water Production, Distribution and Disposal	In-House	
Chaplain Direct Support to Nondivisional Combat Support Organizations	In-House	
Chaplain Support		
COEA Electronic TimeFuze XM587 and Fuze Setter XM36E1	In-House	
COEA 2nd Refinement, Remotely Monitored Battlefield Sensor System (REMBASS)	In-House/Contract	
Combat Support Hospital	In-House	
COMSEC Priority Field Evaluation	In-House/Contract	1

<u>STUDY TITLE</u>	<u>METHOD</u>	PRIORITY AREA OF CONCERN
Comptroller Support in Mid-Intensity Conflict	In-House	
Concept of Night Aircraft Maintenance	In-House	
Container Port Construction	In-House	
CONUS Installation Maintenance/Supply Support	In-House	
Continuity of Operations of Tactical ADP Systems Phase II	In-House	
Crew Protection for Ground TOW and Personnel for DRAGON	In-House	
Data Analysis System for Threat to Army Aviation	In-House	
Day/Night Reduced Visibility Operations	In-House	
Deletion of Maintainable Items from the Maintenance System for Contingency Forces	In-House/Contract	
Deployment Criteria for Combat Service Support ADP Equipment	In-House	
Deployment of Personal Financial Records	In-House	
Deployment of Personnel Records for Contingency Operations	In-House	
Design and Development of Automated Input Data System (AIDS)	In-House/Contract	
Design and Development of a Maintenance Task Demand File	In-House/Contract	
Design of a New Family of Detailed Maintenance Modules	In-House/Contract	
Direct Evacuation of Eligible Patients	In-House	
Division Concepts and Force Design	In-House	
Division SHORAD Study (DIVAD)	In-House/Contract	h
DRAGON - COEA	In-House	g
DSU Repair Parts Stockouts	In-House/Contract	i
Electric Power Generation and Distribution	In-House	k
Electronic Warfare Concept Study	In-House	l
Employment of Army Aviation in High Air Defense Threat Environment	In-House	
Engineer Cellular Teams	In-House	
Field Artillery Concepts and Force Design	In-House	
Field Artillery Counterfire	In-House	
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Support Concepts for Nuclear Doctrine, Organizations and Equipment	In-House	
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<u>STUDY TITLE</u>	<u>METHOD</u>	<u>PRIORITY AREA OF CONCERN</u>
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Army Automated Technical Control (ATEC) System Deployment Study	Contract	
Communication Hardware/Software Trade-off Analysis	Contract	
Computer Architecture for Communications Functions	Contract	
Computer/Radio Linked Systems	Contract	
Development of Communications Output Parameters	In-House	
Investigation of Modified Ionosphere Communication Links	Contract	
Investigation of a Selectable Multidirectional Micro-wave Antenna	Contract	
Long Range Standardization of Air Traffic Control Equipment	Contract	
Military Telecommunications Systems Utilizing Fiber Optic Links	Contract	
Optimization of Error Detection/Control Techniques for Long-Haul Circuits	Contract	
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Supply and Maintenance Support Concept for US Army Communications Command	Contract	
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Systems Analysis Methodology for Determining Communication System Protective Measure Requirements	In-House	1
Techniques and Procedures for Reducing the Effectiveness of EW and Homing Missile Damage to Multichannel Communications	In-House/ Contract	1
Telecommunications by Other Than Conventional Means	Contract	
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Utilization of Space Stations and the Space Shuttle in Support of Strategic Telecommunications	Contract	

## **PRINCIPAL ARMY STUDY ORGANIZATIONS**

This chapter provides a summary of the principal Army study organizations. It does not list the offices, sections, and groups in staff agencies and major commands which have limited study capabilities.

STAFF SUPPORT AGENCY STUDY ORGANIZATIONS

<u>STUDY ORGANIZATION</u>	<u>DA STAFF SUPERVISION</u>	<u>STUDY AREA SPECIALTY</u>	<u>LOCATION</u>
US Army Concepts Analysis Agency (CAA)	DCSOPS	Analyses of Army force design, Army objective force requirements and capabilities, strategic and tactical operational plans and concepts, and materiel mix alternatives.	8120 Woodmont Avenue, Bethesda, Maryland 20014 Telephone Autovon: 295-1608 Commercial: Area Code 202-295-1608
Engineer Studies Group (ESG)	COE	Implications of logistic engineer, nuclear, & force planning activities; stra- tegic analyses; base dev- elopment planning; mobil- ity analyses.	Tenant at Defense Mapping Agency: 6500 Brooks Lane Washington, D.C. 20315 Telephone Autovon: 287-2304 Commercial: Area Code 202-227-2304
US Army Intelligence Threat Analysis Detachment	ACSI	Strategic threat and area Analysis.	Arlington Hall Station, Arlington, Virginia Mailing Address: HQDA (DAMI-TA) Washington, D.C. 20310 Telephone Autovon: 222-6381 Commercial: Area Code 202-692-6381

FIELD OPERATING AGENCY STUDY ORGANIZATION

STUDY ORGANIZATION	DA STAFF SUPERVISION	STUDY AREA SPECIALTY	LOCATION
Strategic Studies Institute (SSI) US Army War College	DCSOPS	Conduct Strategic studies on the nature and use of the US Army during peace and war to formulate strategic concepts in support of US national objectives, and to conduct other studies that are directed through the ODCSOPS, DA.	Carlisle Barracks, Pa. 17013 Telephone Autovon: 242-4212 Commercial: Area Code 717-245-4212

US ARMY SECURITY AGENCY STUDY ACTIVITY

STUDY ORGANIZATION	STUDY AREA SPECIALTY	LOCATION
US Army Security Agency Combat Developments Activity (USASACDA)	Electronic Warfare (EW), Signal Intelligence (SIGINT), and Signal Security (SIGSEC) doctrine, organization and materiel requirements documentation for USASA components/ units and other users within the Army at all echelons; develop and design Army Security Agency tactical support (collection, emitter location & identification, countermeasures, signal security, command and control, aviation and satellite) systems; conduct studies for design of forces and definition of support relationships and for interface with Army and joint operations; refine and implement concepts and doctrine; and participate in other Army or joint studies.	Arlington Hall Station, Arlington, Virginia 22212 Telephone Autovon: 222-5427 Commercial: Area Code 202-692-6205

US ARMY MATERIEL COMMAND STUDY ACTIVITIES

<u>STUDY ORGANIZATION</u>	<u>STUDY AREA SPECIALTY</u>	<u>LOCATION</u>
US Army Logistics Management Center (ALMC) (Institute of Logistics Research)	Logistic Research	Ft. Lee, Virginia 23801 Telephone Autovon: 687-3500 Commercial: Area Code 804-734-3500
US Army Materiel System Analysis Agency (AMSAA)	Materiel Oriented Systems Analysis	Aberdeen Proving Ground, Maryland 21005 Telephone Autovon: 870-2432 Commercial: Area Code 301-870-2432
US Army Management Engineering Training Agency (AMETA)	Management Engineering	Rock Island, Illinois 61201 Telephone Autovon: 793-4041 Commercial: Area Code 309-794-4041

REMARKS: Teaching  
Staff-Limited Availability for Management  
Consultant Services.

US ARMY TRAINING AND DOCTRINE COMMAND ACTIVITIES

STUDY ORGANIZATION	STUDY AREA SPECIALTY	LOCATION
US Army Combined Arms Center Activities: USA Combined Arms Combat Development Activity (CACDA), General Staff College Associated Schools/ Agencies: Infantry Armor Field Artillery Air Defense Engineer Military Police Southeastern Signal Intelligence Aviation Ordnance Inst of Mil Asst US Army Nuclear Agcy	Concepts, doctrine, organizations materiel requirements, and functional systems requirements for combat, combat support and command and control for Army divisions and echelons above division.	Fort Leavenworth, Kansas 66027 Telephone Autovon: 552-2058 Commercial: Area Code 913-684-2058/2585
US Army Logistics Center (LOGC) Associated Schools: Missile and Munitions Ordnance Quartermaster Transportation	Logistics concepts, doctrine organizations, materiel requirements, and functional systems requirements for the Army (less AMC wholesale logistics)	Fort Lee, Virginia 23801 Telephone Autovon: 687-3813 Commercial: Area Code 804-734-3813
US Army Personnel and Administration Combat Developments Activity (PACDA) and Institute of Admin Associated Schools: Academy of Health Sciences Chaplain Judge Advocate General Women's Army Corps Adjutant General Finance Data Processing	Army personnel and administration concepts, doctrine, organizations materiel requirements, and functional systems requirements.	Fort Benjamin Harrison, Indiana 46216 Telephone Autovon: 699-3852 Commercial: Area Code 317-542-3852

## **STUDY COORDINATORS**

Each Army Staff Agency and Major Command has designated a Study Coordinator whose duties include:

- a. Advising the agency head or commander on all matters concerning the conduct and administration of studies.
- b. Monitoring the agency or command study requirements.
- c. Serving as the agency or command point of contact for outside agencies on all study matters.
- d. Assist Study Advisory Group members and study action officers in the management of individual study efforts.

(Para 1-6d, AR 5-5)

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